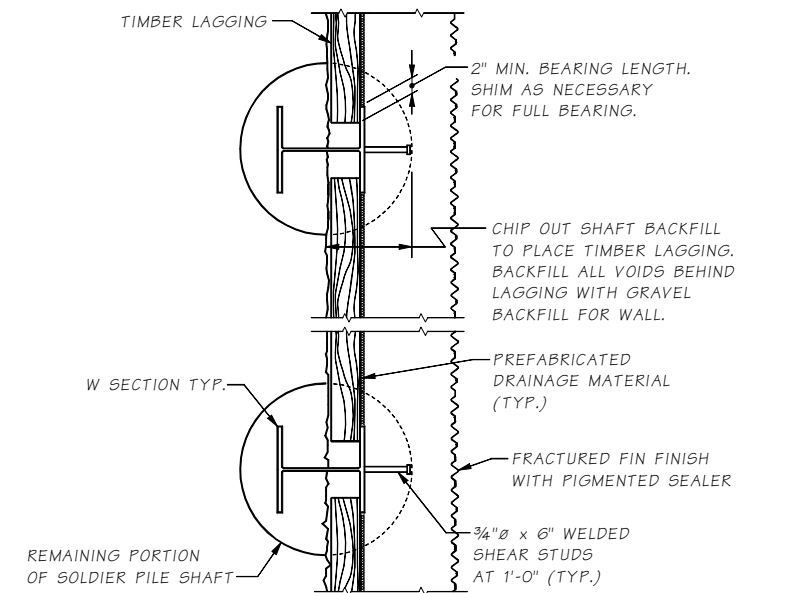


TYPICAL SECTION

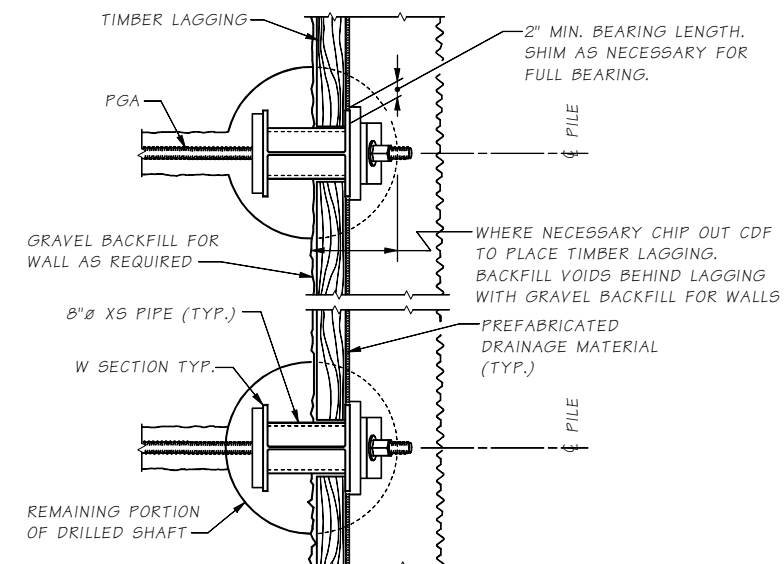
SHOWN FOR SOLDIER PILE WITH P.G.A.
SIMILAR FOR SOLDIER PILE WITHOUT P.G.A.
P.G.A.= PERMANENT GROUND ANCHOR

TIMBER LAGGING SIZES		
(HP) - DIST. FROM TOP OF PILE IN FEET		SIZE
NO TIEBACKS	WITH TIEBACKS	
0 - 12	ALL DEPTHS	4 x
GREATER THAN 12	- -	6 x

4 x - OPTIONAL 4 x 8, 4 x 10 OR 4 x 12
6 x - OPTIONAL 6 x 8, 6 x 10 OR 6 x 12



PLAN - SOLDIER PILE
WALL WITHOUT P. G. A.



PLAN - SOLDIER PILE
WALL WITH P. G. A.

SR _____ JOB NO. _____ SHEET _____

8.1-A3-2

Bridge Design Engr.		M:\STANDARDS\Wall\@SOLDIER TIEBACK DETAILS.MAN									
Supervisor						REGION NO.	STATE	FED. AID PROJ. NO.		SHEET NO.	TOTAL SHEETS
Designed By						10	WASH.				
Checked By						JOB NUMBER					
Detailed By											
Bridge Projects Engr.											
Prelim. Plan By											
Architect/Specialist	DATE	REVISION			BY	APP'D					

BRIDGE
AND
STRUCTURES
OFFICE



**Washington State
Department of Transportation**

SOLDIER PILE/TIEBACK WALL
DETAILS 1 OF 2

BRIDGE
SHEET
NO.

SHEET

OF

SHEETS